

## **CHARTER**

### **ADVISORY COMMITTEE FOR THE 2015 WORLD RADIOCOMMUNICATION CONFERENCE**

1. Committee's Official Designation

The Advisory Committee for the 2015 World Radiocommunication Conference. The short form reference for the Committee will be "WRC-15 Advisory Committee, WRC, or Committee."

2. Authority

The Committee was established at the direction of the Chairman of the Federal Communications Commission (FCC) in accordance with the provisions of the Federal Advisory Committee Act (FACA), as amended, 5 U.S.C. App. 2.

3. Committee's Objectives and Scope of Activity

Objectives: To provide to the Federal Communications Commission (FCC) advice, technical support, and recommended proposals for the 2015 World Radiocommunication Conference (WRC-15).

Scope of Activity: All steps necessary to assemble information to provide advice, technical analyses, and specific recommended proposals on matters relating to WRC-15 and future related conferences, with particular emphasis on the following:

- 1) on the basis of proposals from administrations, taking account of the results of the 2012 World Radiocommunication Conference (WRC 12) and the Report of the Conference Preparatory Meeting, and with due regard to the requirements of existing and future services in the bands under consideration, to consider and take appropriate action in respect of the following items:
- 2) to consider additional spectrum allocations to the mobile service on a primary basis and identification of additional frequency bands for International Mobile Telecommunications (IMT) and related regulatory provisions, to facilitate the development of terrestrial mobile broadband applications, in accordance with Resolution 233 (WRC 12);
- 3) to examine the results of International Telecommunication Union Radiocommunication Sector (ITU R) studies, in accordance with Resolution 232 (WRC 12), on the use of the frequency band 694-790 MHz by the mobile, except aeronautical mobile, service in Region 1 and take the appropriate measures;
- 4) to review and revise Resolution 646 (Rev. WRC 12) for broadband public protection and disaster relief (PPDR), in accordance with Resolution 648 (WRC 12);
- 5) to consider possible new allocation to the amateur service on a secondary basis

- within the band 5 250-5 450 kHz in accordance with Resolution 649 (WRC 12);
- 6) to consider the use of frequency bands allocated to the fixed-satellite service not subject to Appendices 30, 30A and 30B of the Radio Regulations for the control and non-payload communications of unmanned aircraft systems (UAS) in non-segregated airspaces, in accordance with Resolution 153 (WRC 12);
  - 7) to consider possible additional primary allocations:
    - (a) to the fixed-satellite service (Earth-to-space and space-to-Earth) of 250 MHz in the range between 10 GHz and 17 GHz in Region 1;
    - (b) to the fixed-satellite service (Earth-to-space) of 250 MHz in Region 2 and 300 MHz in Region 3 within the range 13-17 GHz;
    - (c) and review the regulatory provisions on the current allocations to the fixed-satellite service within each range, taking into account the results of ITU R studies, in accordance with Resolutions 151 (WRC 12) and 152 (WRC 12), respectively;
  - 8) to review the use of the band 5 091-5 150 MHz by the fixed-satellite service (Earth-to-space) (limited to feeder links of the non-geostationary mobile-satellite systems in the mobile-satellite service) in accordance with Resolution 114 (Rev.WRC 12);
  - 9) to review the provisions relating to earth stations located on board vessels (ESVs), based on studies conducted in accordance with Resolution 909 (WRC 12);
  - 10) to consider, in accordance with Resolution 758 (WRC 12):
    - (a) possible new allocations to the fixed-satellite service in the frequency bands 7 150-7 250 MHz (space-to-Earth) and 8 400-8 500 MHz (Earth-to-space), subject to appropriate sharing conditions;
    - (b) the possibility of allocating the bands 7 375-7 750 MHz and 8 025-8 400 MHz to the maritime-mobile satellite service and additional regulatory measures, depending on the results of appropriate studies;
  - 11) to consider spectrum requirements and possible additional spectrum allocations for the mobile-satellite service in the Earth-to-space and space-to-Earth directions, including the satellite component for broadband applications, including IMT, within the frequency range from 22 GHz to 26 GHz, in accordance with Resolution 234 (WRC 12);
  - 12) to consider a primary allocation for the Earth exploration-satellite service (Earth-to-space) in the 7-8 GHz range, in accordance with Resolution 650 (WRC 12);
  - 13) to consider an extension of the current worldwide allocation to the Earth exploration-satellite (active) service in the frequency band 9 300-9 900 MHz by up to 600 MHz within the frequency bands 8 700-9 300 MHz and/or 9 900-10 500 MHz, in accordance with Resolution 651 (WRC 12);
  - 14) to review No. 5.268 with a view to examining the possibility for increasing the 5 km distance limitation and allowing space research service (space-to-space) use for proximity operations by space vehicles communicating with an orbiting manned space vehicle, in accordance with Resolution 652 (WRC 12);

- 15) to consider the feasibility of achieving a continuous reference time-scale, whether by the modification of coordinated universal time (UTC) or some other method, and take appropriate action, in accordance with Resolution 653 (WRC 12);
- 16) to consider spectrum demands for on-board communication stations in the maritime mobile service in accordance with Resolution 358 (WRC 12);
- 17) to consider regulatory provisions and spectrum allocations to enable possible new Automatic Identification System (AIS) technology applications and possible new applications to improve maritime radiocommunication in accordance with Resolution 360 (WRC 12);
- 18) to consider possible spectrum requirements and regulatory actions, including appropriate aeronautical allocations, to support wireless avionics intra-communications (WAIC), in accordance with Resolution 423 (WRC 12);
- 19) to consider a primary allocation to the radiolocation service for automotive applications in the 77.5-78.0 GHz frequency band in accordance with Resolution 654 (WRC 12);
- 20) to examine the revised ITU R Recommendations incorporated by reference in the Radio Regulations communicated by the Radiocommunication Assembly, in accordance with Resolution 28 (Rev.WRC 03), and to decide whether or not to update the corresponding references in the Radio Regulations, in accordance with the principles contained in Annex 1 to Resolution 27 (Rev.WRC 12);
- 21) to consider such consequential changes and amendments to the Radio Regulations as may be necessitated by the decisions of the Conference;
- 22) in accordance with Resolution 95 (Rev.WRC 07), to review the resolutions and recommendations of previous conferences with a view to their possible revision, replacement or abrogation;
- 23) to review, and take appropriate action on, the Report from the Radiocommunication Assembly submitted in accordance with Nos. 135 and 136 of the Convention;
- 24) to identify those items requiring urgent action by the Radiocommunication Study Groups in preparation for the next world radiocommunication conference;
- 25) to consider possible changes, and other options, in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference, an advance publication, coordination, notification and recording procedures for frequency assignments pertaining to satellite networks, in accordance with Resolution 86 (Rev.WRC 07) to facilitate rational, efficient, and economical use of radio frequencies and any associated orbits, including the geostationary satellite orbit;
- 26) to consider and take appropriate action on requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, taking into account Resolution 26 (Rev.WRC 07);
- 27) to consider and approve the Report of the Director of the Radiocommunication Bureau, in accordance with Article 7 of the Convention:
  - (a) on the activities of the Radiocommunication Sector since WRC 12;

- (b) on any difficulties or inconsistencies encountered in the application of the Radio Regulations; and
  - (c) on action in response to Resolution 80 (Rev.WRC 07);
- 28) to recommend to the Council items for inclusion in the agenda for the next WRC, and to give its views on the preliminary agenda for the subsequent conference and on possible agenda items for future conferences, in accordance with Article 7 of the Convention.
- 29) Consistent with RESOLUTION COM5/1 (BUSAN, 2014), to consider global flight tracking, including, if appropriate, and consistent with ITU practices, various aspects of the matter, taking into account ITU-R studies.

4. Description of Duties for Which Committee is Responsible

The duties of the Committee will be to gather information, prepare technical analyses, and provide to the FCC recommended proposals concerning the matters listed in Section 3. The Committee will complete its work within the scope of activity and submit its reports and recommended proposals to the FCC when requested by that agency. The Committee should complete this work prior to the establishment of a United States Delegation to WRC-15. In any event, the Committee will complete its final report and recommended proposals in advance of the deadline established by the International Telecommunication Union for submission of proposals by administrations to WRC-15. Interim reports may be submitted as considered necessary.

5. Official to Whom the Committee Reports

The Committee will report its findings to the Chairman of the Federal Communications Commission through the committee Designated Federal Official (DFO) or its Alternate DFO.

6. Responsibility for Providing Necessary Support to the Committee

The FCC will furnish necessary administrative support.

7. Estimated Annual Operating Costs and Staff Years

The estimated annual staff time is 0.4 FTE for the FCC, or \$30,000. The estimated annual operating costs for administrative support services, including transportation costs, provided to the Committee are \$1,000.

8. Designated Federal Officer

A full-time or permanent part-time employee, appointed by the FCC Chairman, will serve as the Designated Federal Officer (DFO). The DFO will approve or call all of the

advisory committee's and subcommittees' meetings, prepare and approve all meeting agendas, attend all committee and subcommittee meetings, adjourn any meeting when the DFO determines adjournment to be in the public interest, and chair meetings when directed to do so by the FCC Chairman.

9. Estimated Number and Frequency of Meetings

The Committee is expected to meet approximately four times per year, on a quarterly basis or at such other intervals as the FCC decides.

10. Duration

The Committee will have two (2) years from the date its Charter is filed to carry out the purposes for which it was created.

11. Committee's Termination Date

The Committee will terminate two (2) years from the date that the Council's charter is filed, unless renewed before that date for an additional term.

12. Membership and Designation

Members of the Committee shall be appointed by the Chairman of the FCC. Members will have specific interests and expertise or experience as it relates to the questions before the Committee, including such matters as wireless communications infrastructure and equipment, telecommunications, broadcasting, and other radiocommunication services, consumer advocacy, and underserved populations (e.g., persons living in rural areas and tribal communities). Together, the organizations represented shall provide a balanced viewpoint on the issues being considered. Members will be appointed either as Representatives or as Special Government Employees (SGEs) as necessary.

13. Subcommittees

Subject to approval of the Chairman of the FCC, the Committee may have subcommittees that meet more frequently, as its activities may require. Activities and recommendations of the informal subcommittees must be reported to the Committee as a whole, and only as modified or ratified by the Committee as a whole may such recommendations be reported to the Chairman of the FCC.

14. Recordkeeping

Records of the proceedings will be kept, as required by applicable laws and regulations. All records of the committee, formally and informally established subcommittees, or

other subgroups of the committee, shall be handled in accordance with General Records Schedule 26, Item 2 or other approved agency records disposition schedule. These records shall be available for public inspection and copying, subject to the Freedom of Information Act, 5 U.S.C. 552.

15. Charter Filing Date

November 14, 2014